

# XM2-300HP CableUPS®

Featuring a compact power platform for MDU and fiber deep installations



Total Power Solutions



# Featuring a compact power platform for MDU and fiber deep installations

- *XM2-300HP 300 WATT INTELLIGENT CABLEUPS UP TO 94% EFFICIENT WITH A SMALL CARBON FOOTPRINT*
- *SMART DOCSIS TRANSPONDER FOR ADVANCED STATUS MONITORING*
- *ADVANCED INVERTER AND BATTERY DIAGNOSTICS*
- *DUAL TEMPERATURE PROBE FOR ADVANCED BATTERY MANAGEMENT*

**1** Compact LPE Enclosure with improved thermal management

**2** LA-P SM Surge Protector with status monitoring capability

**3** High Efficiency XM2-300HP CableUPS® 300 Watt Power Supply

**4** Cool air intake baffle protects equipment from rain or snow

**5** SPI-RF with integrated transponder port

**6** Smart DOCSIS® DPM embedded transponder

**7** Dual Temperature Probe for advanced battery management

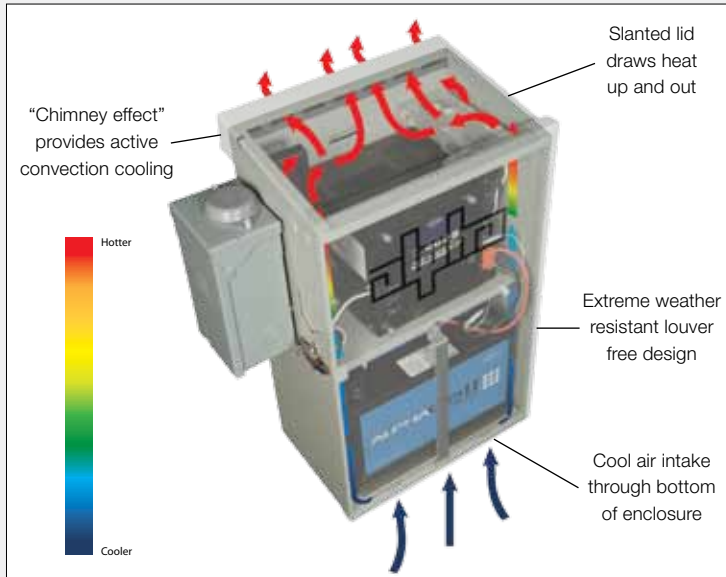
**8** High-performance Silver alloy AlphaCell™ 220 GXL Battery



# Versatile indoor and outdoor mounting options

## INNOVATIVE LPE INDOOR/OUTDOOR ENCLOSURE

- Wall mount, pole mount and ground mount options
- 40% Smaller than industry standard PWE-3
- Innovative thermal management airflow system



## COST EFFECTIVE INDOOR WALL MOUNT OPTION

- Wall mount rack for XM2-300HP
- Wall mount shelf XM2-300HP and battery
- Versatile mounting option for business parks or MDUs



Wall Mount Shelf (WMS) with SPI mount bracket



Wall Mount Rack (WMR)



# Power Supply Specifications

Model	XM2-300HP	XM2-300CE-HP	
<b>Electrical</b>			
Input Voltage (Vac):	120	230	
Input Voltage Window:	-15 to +10%	-15 to +10%	
Input Frequency:	60Hz	50Hz	
Input Frequency Window:	±3Hz	±3Hz	
Output Voltage (Vac):	60/87	63	
Output Current (A):	4.8/3.5	4.8	
Max Output Power (VA):	300	300	
Output Waveform:	Sine wave	Sine wave	
Voltage Regulation:	±5%	±5%	
Output Frequency Stability:	Line Mode	60Hz Nominal	50Hz Nominal
	Inverter Mode	60Hz, ±0.05%	50Hz, ±0.05%
Overload Withstand:	150% for 10 seconds	150% for 10 seconds	
Short Circuit Protection:	8A Breaker	8A Breaker	
Transfer Characteristics:	≤4ms	≤4ms	
Battery Voltage (Vdc):	12	12	
<b>Efficiency (Typical Load Range)</b>			
Line Mode:	93-94%	92-93%	
Standby Mode:	82-86%	85-88%	
<b>Battery Charger</b>			
Temperature Compensation:	Programmable (0 to 5mV/Cell/°C)		
Charger Current:	6A minimum - 10A maximum		
Three Stage:	Bulk/Accept/Float	Bulk/Accept/Float	
<b>Mechanical</b>			
Status Display:	Blue smart display 2 x 20 LCD with backlight		
Dimensions H x W x D (in/mm):	8.5 x 9.75 x 8 / 216 x 248 x 203		
Approx. Weight (lb/kg):	23/10.4	25/11.3	
Finish:	Black, epoxy powdercoat		
<b>Environment</b>			
Operating Temperature:	-40 to 55°C / -40 to 131°F	-40 to 55°C / -40 to 131°F	
Humidity:	0 to 95% non-condensing		
Agency Compliance:	FCC Part 15 Class A, UL / CSA 60950-1, UL1778, UL1012 CSA C22.2 No. 107	CE EN 50083-2, EN 62040-2, EN 60950-1, EN 62040-1	
<b>Advanced Diagnostics</b>			
Advanced Analytics:	Onboard battery algorithm for predictive service required, Onboard inverter algorithm for predictive service required		
User Inputs:	Power supply install and battery manufacturing dates, Power supply priority level, Siemens values during battery preventive maintenance cycles, Battery out-of-date period, Battery heater mat installed (Yes/No), Technician code/ID		

XM2-300HP Runtime (minutes)					
XM2-300HP @ 90V	1A	1.5A	2A	2.5A	3A
AlphaCell 70HPL-FT:	249	167	120	91	71
AlphaCell 85GXL:	332	212	150	113	89
AlphaCell 195GXL:	684	442	317	241	191
AlphaCell 4.0HP:	840	547	398	308	251

Runtimes based on one battery

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# LPE Enclosure

Mechanical Specifications	
Dimensions H x W x D (in/mm):	26 x 16.5 x 12 / 661 x 420 x 305
Weight (lb/kg):	25/11.3
Material:	Exterior powdercoated aluminum
Battery:	220GXL or two 70HPL-FTs
Door and Lid Seal:	Poron gasketing
Color:	Gray (custom colors available)
Lid:	Removable
Door:	Hinged, removable
<b>Options</b>	
Mounting Hardware:	Pole mount bracket, Wall mount bracket, Pedestal
Battery Heater Mat:	Used in cold-climate applications
Battery Retaining Bar (BRB):	Secures batteries within enclosure
Coax Connection:	SPI or SPI-RF
Door Locks:	Optional GEM lock
Lightning Arrester:	LA-P+ 120V, LA-P-120T, LA-P-120SM, Surge Arrester Kit
Service Entrance:	70A available
Status Indicators:	Local/Remote Indicator (LRI)
Coax Surge Protection:	75 Ω Coax, MF 75 Ω Coax, FF w/Gnd 75 Ω Coax, FF
<b>Smallest Available Footprint</b>	
<p>Volume = 2.8ft<sup>3</sup></p> <p>Volume = 7.2ft<sup>3</sup></p> <p>Volume = 10.8ft<sup>3</sup></p> <p>LPE - pole mount / wall mount shown</p> <p>PWE-6 - pole mount</p> <p>UPE-6 - ground mount</p>	